Reports

The BULLETIN OF THE BEAUX-ARTS INSTITUTE OF DESIGN

CORRESPONDING MEMBER SCHOOLS

SCHOOL YEAR 1947-1948

CATHOLIC UNIVERSITY OF AMERICA DAPRATO ATELIER, CHICAGO **DELEHANTY INSTITUTE** ATELIER FARVALOSUN, MESA, ARIZONA GEORGIA SCHOOL OF TECHNOLOGY ILLINOIS INSTITUTE OF TECHNOLOGY KANSAS STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE LAYTON SCHOOL ARCHITECTURAL ATELIER, MILWAUKEE MIAMI UNIVERSITY OHIO STATE COLLEGE OKLAHOMA AGRICULTURAL AND MECHANICAL COLLEGE PENNSYLVANIA STATE COLLEGE PRINCETON UNIVERSITY RICE INSTITUTE SYRACUSE UNIVERSITY TEXAS TECHNOLOGICAL COLLEGE UNIVERSITY OF ILLINOIS UNIVERSITY OF NEBRASKA UNIVERSITY OF NOTRE DAME UNIVERSITY OF OKLAHOMA UNIVERSITY OF PENNSYLVANIA UNIVERSITY OF VIRGINIA WASHINGTON UNIVERSITY, ST. LOUIS WESTERN RESERVE UNIVERSITY, CLEVELAND YALE UNIVERSITY UNIVERSITY OF HAVANA, CUBA UNIVERSITY OF TORONTO, CANADA

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THE BULLETIN OF

BEAUX-ARTS INSTITUTE OF DESIGN MAY 1948 VOL. XXIV NUMBER THREE SCHOOL YEAR 1947-1948

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THE REPORTS OF THE JURY IN THE BULLETIN ARE PRESENTED AS AN UNOFFICIAL OPINION BY A MEMBER OF THE JURY DELEGATED FOR THIS PURPOSE, AND SHOULD NOT BE INTERPRETED AS THE COLLECTIVE OPINION OF THE JURY.

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Exercise—February 14, 1948, 9 A.M.
12 hours—February 15, 1948, 9 A.M.
Judgment—on or about February 24, 1948

THE LLOYD WARREN SCHOLARSHIP — 1948 (35th Paris Prize in Architecture)

Under the trusteeship of the BEAUX-ARTS INSTITUTE OF DESIGN

FIRST PRELIMINARY COMPETITION—"A FARM PRODUCE OUTLET"

Author—Paul M. Heffernan, Atlanta, Georgia

A Farmers Cooperative Society near a metropolitan area plans to establish a produce market at a strategic point on the perimeter of the city to facilitate the disposal of its products, and to reach the consumer directly. The chief attraction of this kind of market is the wider variety, choice and freshness of the produce and the savings occasioned by minimum handling and sale in larger minimum lots. The Society realizes, however, that its patrons will demand other standard foodstuffs to make their shopping practical and therefore intends to include many of the concessions found in the average supermarket. In general, all spaces will be rented on a temporary or seasonal basis to individual farmers or farm groups, but groceries, staples and those installations requiring mechanical equipment will be leased under a more permanent arrangement.

Every effort should be made to make the single building light, airy, attractive, and clean. It should be so disposed on the site as to invite the motorist and make access easy. Adequate parking space and traffic flow are essential both for the public, and for facilitating delivery service and the disposal of refuse. Flexibility and ease of circulation inside the building should be maintained and coordinated with a clearly defined structural system. Economy should be considered in the use of materials with emphasis on sanitary qualities and ease of maintenance. The climate is mild, but the building should be designed to protect the occupants and their wares from mild winters and hot summers.

A large sign or device should be composed with the building to mark it prominently on the highway.

The property available for the project is level and is located on the northwest corner of the intersection of a minor north-south road and a principal 4-lane highway leading from the city to the west. It measures 350 feet on the highway and 300 feet on the minor road. The intersection will be controlled by a traffic light.

Requirements:

Market Area

A market area shall be provided of approximately

10,000 sq. ft. including public circulation, principally for fruits and vegetables. Stalls should have 100 sq. ft. of floor area, but should be arranged to permit combination and re-grouping. Cash sales will be transacted with individual merchants.

Poultry, eggs, and dairy products concessions will occupy approximately 3,000 sq. ft. These concessions will operate their own counters and cold equipment.

Staple goods concessions will occupy approximately 4,000 sq. ft. These should be grouped, and include canned goods and general groceries, bakery products, candy and tobaccos, and minor drug items. Provide a small general storage room having approximately 500 sq. ft. for staple goods.

Building Services Shall Provide:

- a) Common sorting and scrub room for vegetable handling, with tables and sinks having approximately 800 sq. ft.
- b) A poultry handling room with space for live birds, killing, bleeding, picking, and drawing, well ventilated and separated from the other services, having approximately 800 sq. ft.
- c) A garbage disposal room accessible from scrub room and general market, with truck access and having approximately 400 sq. ft.
- d) Restaurant counter service for personnel only, serving general lunch and cold drinks will take about 1,000 sq. ft. Small kitchen and storage room will be required.
- e) Administration: Manager's office with small secretarial space, and a cashier's office with small vault, storage space.
- f) Toilets and lockers for 150 personnel, men and women.
- g) Small public toilets for men and women, drinking fountains and three pay telephone booths.
- h) Heating and mechanical room of approximately 500 sq. ft.



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f) Toilets and lockers for 150 personnel, men and women.

g) Small public toilets for men and women, drinking fountains and three pay telephone booths.

h) Heating and mechanical room of approximately 00 sq. ft.

Automobile Services:

Parting for minimum of NISO Wustomers' and concessionaires' cars, with access to a limited amount of pick-up space from the market area under cover.

Unloading dock for six trucks garbage service and parking for six additional trucks. (SAUTOSTINGER MI

REQUIRED DRAWINGS: Sheet size 31" x 40".

Plot plan at the scale of 1/32" to the feet.

Floor plan of the building at the scale of /a to the mit a signed declaration will cause the drawing to be

Front elevation at the scale of The Toot. The Market

Section perpendicular to the elevation at the scale of 1/16" to the foot.

A small perspective taken from the intersection.

All the required elements of the program must be designated by name on the plan.

Drawings rendered in such manner as to obscure the egibility of the plans elevation or section will be placedy 10% Werren Scholarship, Beaux Arts Institute of Design, 304 Hors Concount 30039013

CALEB MORNBOSTEL

TT WITH A GRAWEST 44th Street, New York KE N. Y MALLILW

The competitor shall print on a white background in the lower right-hand corner of the drawing in a space

not exceeding 11/2" x 3": first, his name, address; sec-

and, school or supervisor; third, name and subject of the

In addition each competitor must sign and submit with his drawing the declaration form issued with this program.

Only competitors qualified to sign the declaration may

The Supervisor shall cause the drawings to be delivered to him immediately upon the termination of the exercise,

Sunday, February, 15th, 9 A.M. and he shall immediately pack, seal and properly safeguard them until placed in the hands of the carrier. These drawings, with enrollment

sheet and affidavits shall be shipped prepaid to the Lloyd

HARVEY WILLEY, CORRETT

SUBJECT OF SECOND PRELIMINARY WILL BE: "A COMMUNITY BUILDING" OHTAD

CLEMSON AGRIC. & MECH. COLLEGE

LLOYD WARREN SCHOLARSHIP COMMITTEE

Beaux-Arts Institute of Design Sales

GEORGIA SCHOOL OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY

excluded from the competition. AUTHOR - PAUL M. HEFFE

PRINCETON UNIVERSITY

DECLARATION

I am a citizen of the United States of America and will be under 30 years of age on July 1, 1948.

I am qualified to enter this competition on the following basis: (Check which) VB - YALL (a) Completing architectural design of senior grade standard now.

THREE MAJOR PROBLEMS WE A propriet abort project design between between the bound of the territorial was the same of the same

(c) Having equivalent qualifications in practical experience.

(c) Having equivalent qualifications in practical experience.

(c) Having equivalent qualifications in practical experience of the above immediately upon being notified of my selection for the second exercise.

Furthernore) I declare that this submission is entirely my own personal world and been studied and executed by my without halp or assistance of any kind whatsoever.

- 2. ARRANGEMENT OF PARKING SO THAT THOSE WHO PARK COULD REACH THE MARKET
- THE NECESSITY THAT A LARGE BUILDING OF THIS TYPE SHOULD BE WELL LIGHTED

- 1. A STRAIGHT LINE FORM WHERE THE MARKET AREA WAS IN THE FRONT AND ALL THE
- 2. BUILDINGS WHERE AN ATTEMPT WAS MADE TO SEGREGATE THE ELEMENTS INTO THOSE WHICH WOULD FUNCTION AND TERM HOURD AND THOSE WHICH WERE SEASONAL.

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Plot plan at the scale of 1/32" to the foot. " to the Floor plan of the building at the scale of 1/8'

Front elevation at the scale of 1/8" to the foot. Section perpendicular to the elevation at the scale of 1/16" to the foot.

A small perspective taken from the intersection.

All the required elements of the program must be designated by name on the plan.

Drawings rendered in such manner as to obscure the legibility of the plans, elevation or section will be placed Hors Concours.

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In addition each competitor must sign and submit with his drawing the declaration form issued with this program. Only competitors qualified to sign the declaration may enter this competition or submit drawings. Failure to submit a signed declaration will cause the drawing to be excluded from the competition.

The Supervisor shall cause the drawings to be delivered to him immediately upon the termination of the exercise. Sunday, February 15th, 9 A.M. and he shall immediately pack, seal and properly safeguard them until placed in the hands of the carrier. These drawings, with enrollment sheet and affidavits shall be shipped prepaid to the Lloyd Warren Scholarship, Beaux-Arts Institute of Design, 304 East 44th Street, New York 17, N.Y.

SUBJECT OF SECOND PRELIMINARY WILL BE: "A COMMUNITY BUILDING"

TO THE

LLOYD WARREN SCHOLARSHIP COMMITTEE Beaux-Arts Institute of Design

DECLARATION

I am a citizen of the United States of America and will be under 30 years of age on July 1, 1948. I am qualified to enter this competition on the following basis: (Check which.)

- (a) Completing architectural design of senior grade standard now. (b) Having completed architectural design of senior grade standard.
 - (c) Having equivalent qualifications in practical experience.

I shall be prepared to submit legal evidence of the above immediately upon being notified of my selection for the second exercise.

Furthermore, I declare that this submission is entirely my own personal work and has been studied and executed by me without help or assistance of any kind whatsoever.

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1948 - THE LLOYD WARREN SCHOLARSHIP - 1948 (35TH PARIS PRIZE IN ARCHITECTURE)

FIRST PRELIMINARY COMPETITION A FARM PRODUCE OUTLET AUTHOR - PAUL M. HEFFERNAN, ATLANTA, GEORGIA

JURY OF AWARD - MARCH 2, 1948

L.BANCEL LAFARGE, CHAIRMAN MAX ABRAMOVITZ WILLIAM F.R. BALLARD CHARLES W. BEESTON HARVEY WILEY CORBETT

PERCIVAL GOODMAN EDWARD S. HEWITT CALEB HORNBOSTEL JULIAN CLARENCE LEVI

ALFRED E. POOR ELDREDGE SNYDER OTTO TEEGEN

BARTICIPANTS: . ..

CATHOLIC UNIVERSITY OF AMERICA CLEMSON AGRIC. & MECH. COLLEGE GEORGIA SCHOOL OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY OKLAHOMA AGRIC. & MECH. COLLEGE PENNSYLVANIA STATE COLLEGE PRATT INSTITUTE PRINCETON UNIVERSITY UNIVERSITY OF ILLINOIS

UNIVERSITY OF MICHIGAN UNIVERSITY OF NORTH DAKOTA UNIVERSITY OF OKLAHOMA UNIVERSITY OF PENNSYLVANIA UNIVERSITY OF TEXAS UNIVERSITY OF VIRGINIA WASHINGTON UNIVERSITY, ST. LOUIS WESTERN RESERVE UNIVERSITY, CLEVELAND

REPORT OF THE JURY - BY CALEB HORNBOSTEL

THREE MAJOR PROBLEMS WERE PRESENTED BY THIS PROGRAM WHICH ON THE WHOLE, WERE NOT FULLY SOLVED BY THE COMPETITORS. THEY WERE:

- 1. TAKING FULL ADVANTAGE OF THE CORNER LOT WITH AN ADEQUATE INDICATION OF THE PURPOSE OF THE BUILDING.
- 2. ARRANGEMENT OF PARKING SO THAT THOSE WHO PARK COULD REACH THE MARKET WITHOUT CROSSING AUTOMOBILE CIRCULATION.
- 3. THE NECESSITY THAT A LARGE BUILDING OF THIS TYPE SHOULD BE WELL LIGHTED AND HAVE PLENTY OF VENTILATION.

IN ALL THERE WERE FIVE BASIC SOLUTIONS:

- 1. A STRAIGHT LINE FORM WHERE THE MARKET AREA WAS IN THE FRONT AND ALL THE SERVICES DIRECTLY BEHIND IT.
- 2. BUILDINGS WHERE AN ATTEMPT WAS MADE TO SEGREGATE THE ELEMENTS INTO THOSE WHICH WOULD FUNCTION ALL YEAR ROUND AND THOSE WHICH WERE SEASONAL.

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1948 - THE LLOYD WARREN SCHOLARSHIP (35TH PARIS PRIZE IN ARCHITECTURE)

- 3. OTHERS, WHERE A COURT WAS INTRODUCED WITHIN THE MARKET EITHER IN THE CENTER OR AS A BAFFLE BETWEEN THE MARKET AND SERVICES. THE JURY THOUGHT THIS WAS AN ADDED FEATURE GIVING A CHEERFUL NOTE AND AFFORDING BETTER CROSS VENTILATION TO THE LARGE MARKET AREA.
- 4. THOSE THAT USED THE "U" AND "L" SHAPED SCHEMES.
- 5. OTHERS THAT TREATED THE BUILDING IN A BENT SHAPE PLACING IT DIAGONALLY OR CROSSWISE ON THE PLOT.

THERE WAS A GREAT VARIATION IN THE TREATMENT OF PARKING. THE BEST SOLUTIONS HANDLED THIS IN TWO MAJOR WAYS, EITHER DIRECTLY IN FRONT OR TO ONE SIDE OF THE BUILDING. HOWEVER, IN MOST CASES, VERY LITTLE CONSIDERATION WAS GIVEN AS TO HOW THE PEOPLE GOT FROM THE PARKING AREA TO THE MARKET WITHOUT CROSSING VEHICULAR CIRCULATION.

ANOTHER POINT THE JURY THOUGHT OF INTEREST AND A FACTOR WHICH VERY FEW OF THE SUBMISSIONS CONSIDERED WAS THAT A MARKET OF THIS TYPE SHOULD BE ABLE TO BE COMPLETELY OPENED UP IN CERTAIN SEASONS OF THE YEAR.

MOST OF THE DESIGNS SOLVED THE PROBLEM OF SIGNS AND ADVERTISING AND THEIR LOCATION IN RELATION TO THE MAIN STREET AND MINOR STREET.

WITH REGARD TO THE ELEVATION, THE MOST IMPORTANT THINGS CONSIDERED WERE HOW CROSS VENTILATION AND OPENNESS WERE HANDLED; AS WELL AS GIVING THE BUILDING A COMMERCIAL, NOT A RESIDENTIAL OR FACTORY, ASPECT.

IN GENERAL ALL SCHEMES PROPERLY HANDLED THE PROBLEM OF SERVICE IN RELATION TO THE MARKET, THAT IS TO SAY, THE POULTRY HANDLING WAS LOCATED ADJACENT TO THE POULTRY SALES, SCRUB AND SORTING ADJACENT TO GENERAL MARKET AREA, AND STORAGE ADJACENT TO THE STAPLES AREA, AND THE LOADING AND UNLOADING WERE CONCENTRATED ADJACENT TO THESE SERVICES. THE ACTUAL SERVICE ELEMENTS FOR THE HELP WERE PROVIDED FOR IN MANY DIFFERENT WAYS, SUCH AS ON A SECOND FLOOR, A WING OFF TO ONE SIDE, OR PART OF THE CONTINUOUS GENERAL SERVICE AT THE BACK OF THE MARKET. THE JURY FELT THAT ALL SERVICES WERE CORRECTLY HANDLED IN THE SUBMISSIONS SELECTED.

LASTLY, BY AND LARGE ALL THE PROBLEMS HANDLED THE GENERAL SERVICING OF THE BUILDING BY TRUCKS FAIRLY WELL, EXCEPT A FEW THAT CONFINED THEM TO A SERVICE COURT WHICH WAS TOO SMALL FOR TRUCK MANOEUVERING.

SUMMARY OF AWARDS:

88 TOTAL NUMBER OF SUBMISSIONS

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1948 - THE LLOYD WARREN SCHOLARSHIP (35TH PARIS PRIZE IN ARCHITECTURE)

SELECTED FOR THE SECOND PRELIMINARY COMPETITION:

MARK G. HAMPTON, GEORGIA SCHOOL OF TECHNOLOGY

- R. B. TIPPETT, GEORGIA SCHOOL OF TECHNOLOGY
- J. R. DIEHL, PENNSYLVANIA STATE COLLEGE
- J. H. KRING, PENNSYLVANIA STATE COLLEGE
- E. D. LENKER, PENNSYLVANIA STATE COLLEGE
- F. J. D. BEATTY, PRINCETON UNIVERSITY
- R. M. REISACHER, PRINCETON UNIVERSITY
- J. K. SINCLAIR, PRINCETON UNIVERSITY
- J. MCK. YEATTS, PRINCETON UNIVERSITY
- D. E. BOONE, UNIVERSITY OF ILLINOIS
- C. C. DAVIS, JR., UNIVERSITY OF ILLINOIS
- P. H. GRAVEN, UNIVERSITY OF ILLINOIS
- R. HIRSCH, UNIVERSITY OF ILLINOIS
- A. A. HOOVER, UNIVERSITY OF ILLINOIS
- J. E. NORMAN, UNIVERSITY OF ILLINOIS
- G. A. SIEGWART, UNIVERSITY OF ILLINOIS
- L. DEMOLL, UNIVERSITY OF PENNSYLVANIA
- B. HERSH, UNIVERSITY OF PENNSYLVANIA
- T. WEATHERWAX, UNIVERSITY OF PENNSYLVANIA
- P. E. KIRVEN, UNIVERSITY OF TEXAS.

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- 62. J. KRING, PENNSYLVANIA STATE COLLEGE
- 63. J. K. SINCLAIR, PRINCETON UNIVERSITY
- 64. R. HIRSCH, UNIVERSITY OF ILLINOIS
- OTE REPRESENTATION RECEIVED
- 65. B. HERSH, UNIVERSITY OF PENNSYLVANIA
- 66. P.E.KIRVEN, UNIVERSITY OF TEXAS

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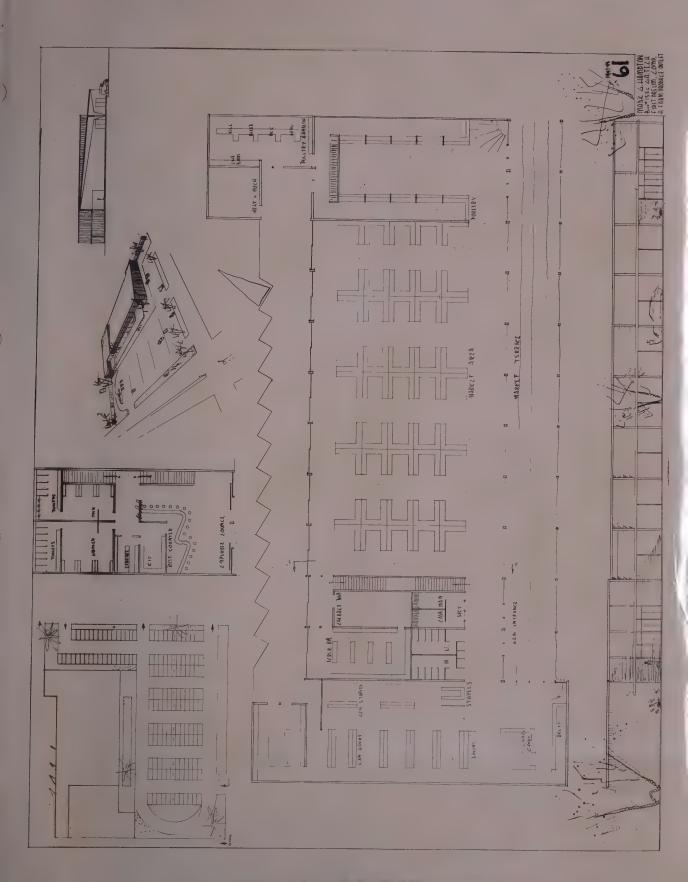
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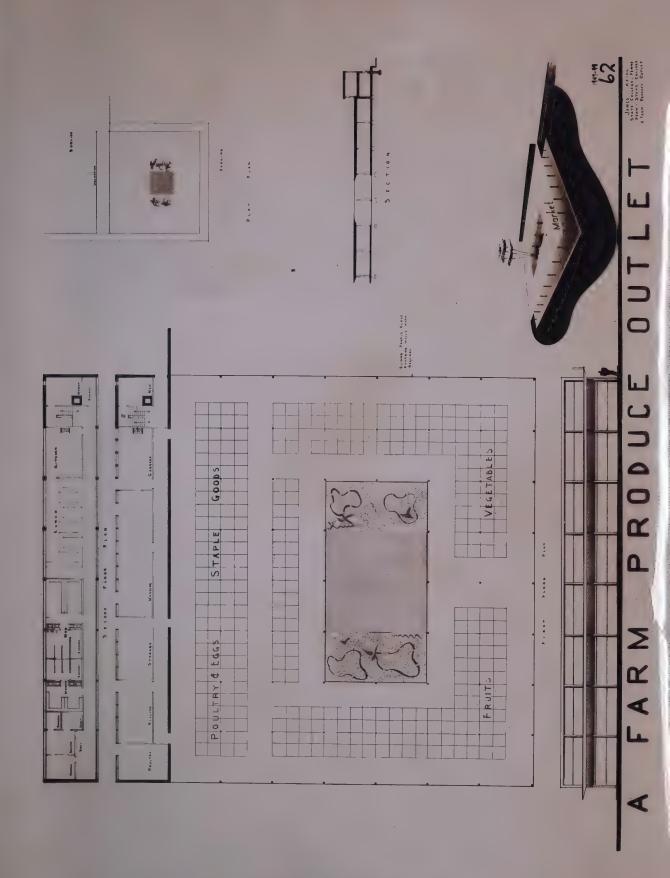
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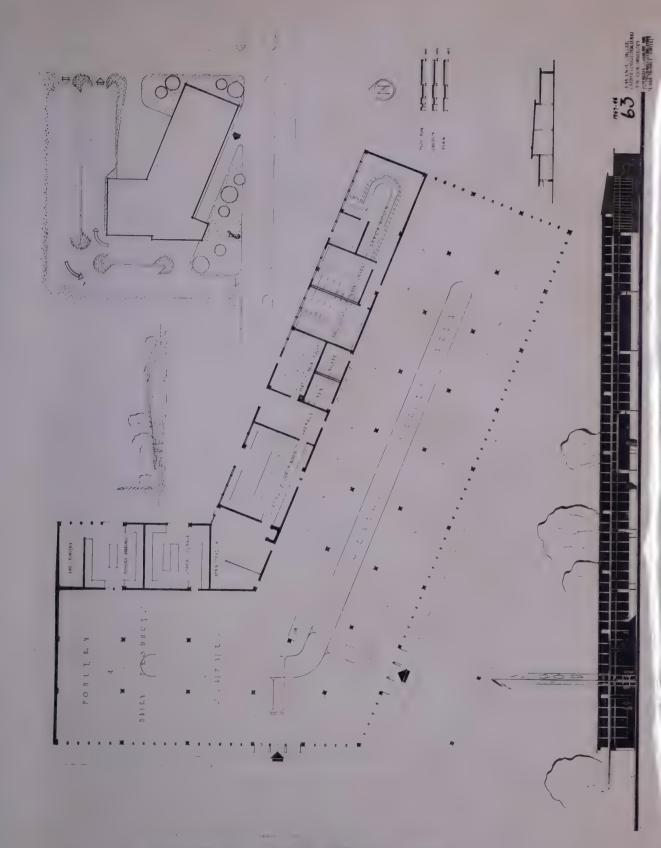


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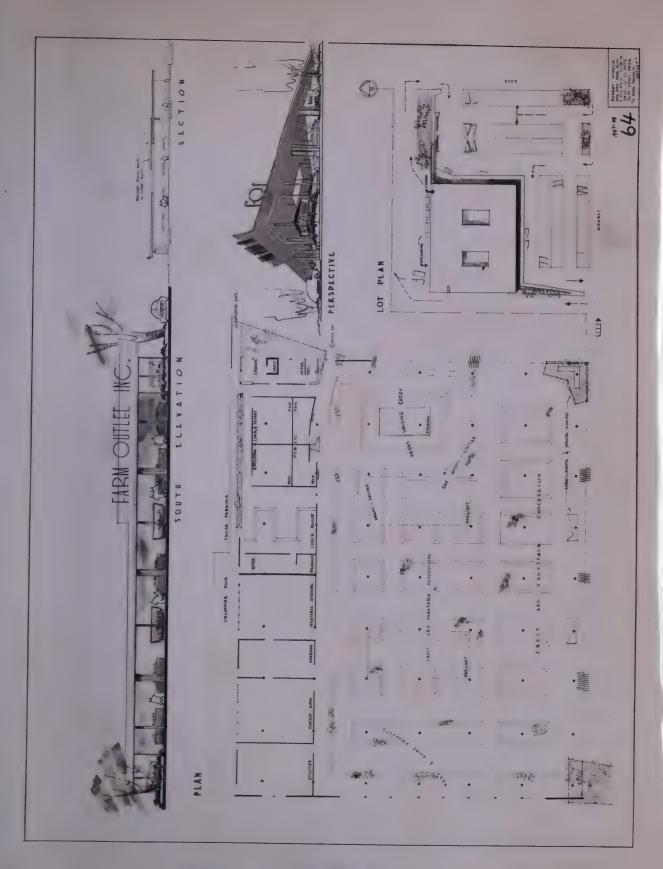
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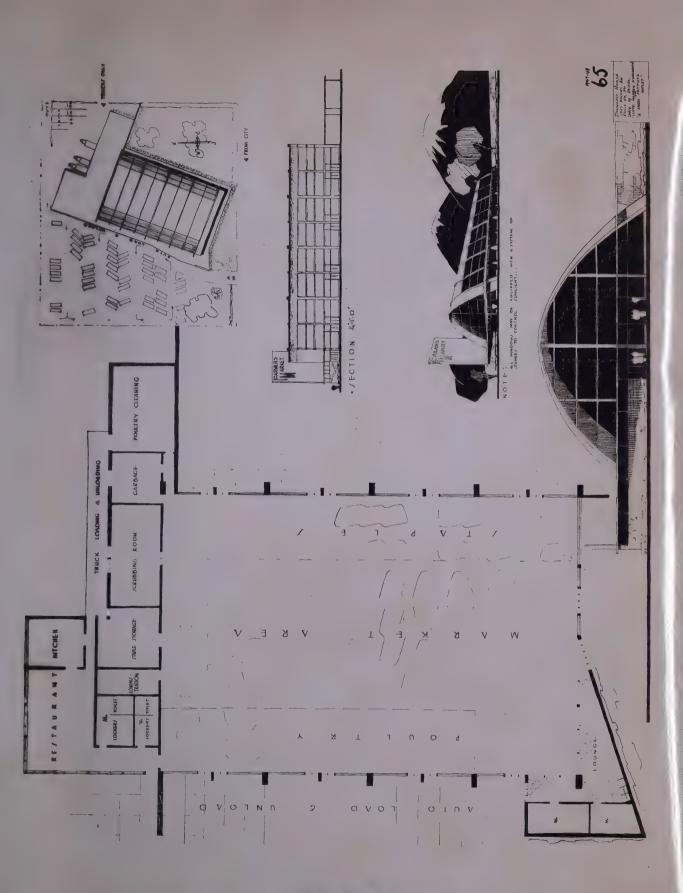
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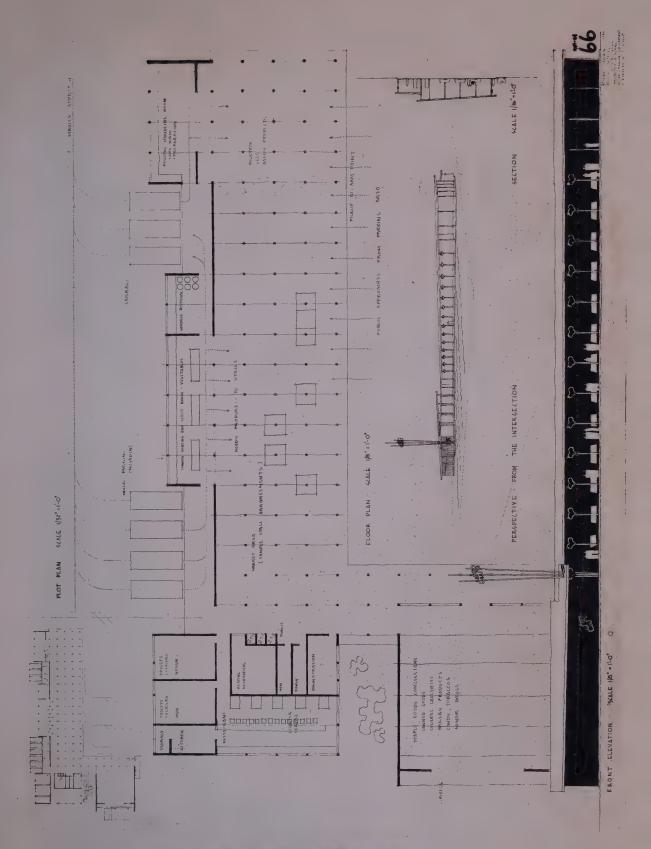
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304 EAST 44TH STREET New York 17. New York EXERCISE - MARCH 20, 1948, 9 A.M. TO MARCH 22, 1948, 9 A.M. JUDGMENT ABOUT - APRIL 6, 1948.

THE LLOYD WARREN SCHOLARSHIP - 1948 (35th Paris Prize in Architecture)

UNDER THE AUSPICES OF THE BEAUX-ARTS INSTITUTE OF DESIGN

SECOND PRELIMINARY COMPETITION - A COMMUNITY BUILDING AUTHOR - HUGH STUBBINS, JR., LEXINGTON, MASS.

BACKGROUND

A SMALL TOWN HAS BEEN SELECTED BY A LARGE NATIONAL MANUFACTURER AS THE LOCATION FOR A NEW ASSEMBLY PLANT. SINCE THE PLANT WILL EMPLOY SOME 2,000 PEOPLE, THE TOWN IS EXPECTED TO GROW AS IT PROVIDES THE HOUSING AND OTHER FACILITIES FOR THE NEW PLANT WORKERS.

IN THE TOWN PLANNING BOARD'S SCHEDULE FOR CIVIC IMPROVEMENTS WHICH INCLUDES NEW HOUSING, ADDITIONAL SHOPPING AND COMMERCIAL FACILITIES, RECREATION AND OTHER IMPROVEMENTS, ONE IMPORTANT ELEMENT IS A COMMUNITY BUILDING. THE BOARD BELIEVES A COMMUNITY NEEDS MORE THAN PHYSICAL SPACIOUSNESS IN PUBLIC AND PRIVATE AREAS, MORE THAN SUNLIGHT AND AIR, MORE THAN CONVENIENT SHOPPING CENTERS AND ADEQUATE SCHOOLS. THERE MUST BE A COMMUNITY SPIRIT, A SENSE OF NEIGHBORLINESS AND A SENSE OF PRIDE IN ONE'S COMMUNITY. THERE IS GREAT NEED FOR A MEETING PLACE WHERE PEOPLE CAN LEARN THE ART AND JOY OF GETTING ALONG WITH ONE ANOTHER, WHERE THERE IS SPACE TO PURSUE ONE'S HOBBIES AND CULTURAL DESIRES; BE IT MUSIC, ART, DRAMA, CARPENTRY, PHOTOGRAPHY OR JUST RELAXING.

SINCE A TOWN OFFICE BUILDING AND HIGH SCHOOL WILL BE LOCATED NEAR BY, SOME ELEMENTS IN THE COMMUNITY BUILDING WILL SERVE A DOUBLE PURPOSE; I.E. FOR TOWN MEETINGS AND FOR HIGH SCHOOL ASSEMBLIES.

SITE

THE SITE IS A RECTANGLE 600' X 450', WHICH IS PART OF A PARK OR "GREEN AREA" BETWEEN A MAIN THOROUGHFARE, THE 600' EASTERN BOUNDARY OF THE SITE, AND A LAKE SHORE. THE LAKE SHORE IS ROUGHLY PARALLEL TO THE STREET. THE PARK IS CONTINUOUS AND EXTENDS QUITE SOME DISTANCE BEYOND THE NORTH AND SOUTH LIMITS OF THE AREA DESIGNATED AS THE SITE. THE LAND IS REASONABLY LEVEL, SLOPING ON THE AVERAGE 6' TO 10' BETWEEN THE STREET AND LAKE, AND ACCESS MAY BE FROM ANYWHERE ALONG THE STREET. PARKING FOR ABOUT 300 CARS AND SERVICE ACCESS TO THE BUILDING MUST BE PROVIDED.

REQUIREMENTS

1. MEETING HALL FOR ASSEMBLIES, CONCERTS, PLAYS.

SEATING FOR 800 PEOPLE (PART OF THESE MAY BE SEATED IN A BALCONY IF DESIRED.)

FOYER, TICKET CONTROL, CHECK ROOM, TOILETS.

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STAGE AT LEAST 30' IN WIDTH, AMPLE HEIGHT, FULLY EQUIPPED FOR THEATRICAL USE.

WORKSHOP FOR MAKING SETS, COSTUMES, ETC., ADJACENT TO STAGE.

Two small "star dressing rooms" and two larger dressing rooms, one for men and one for women. Tollets.

FILM PROJECTION BOOTH,

2. MAIN LOUNGE ABOUT 4,000 SQ.FT.

FLEXIBLY DIVIDED INTO AREAS FOR READING, QUIET GAMES, CONVERSATION; SMALL LIBRARY AREA WITH CONTROL DESK.

ADJACENT REFRESHMENT LOUNGE (800 SQ.FT.) WITH SMALL KITCHEN.

3. Large game ROOM APPROXIMATELY 3,000 SQ.FT.

FOR FOUR PINGPONG TABLES AND TWO BILLIARD TABLES, DARTS, SHUFFLEBOARD, ETC.

4. GENERAL PURPOSE ROOMS

Five at 750 to 800 square feet, each arranged so that two or more can be thrown together.

THESE ROOMS WILL BE USED FOR CLASSES IN PAINTING AND SCULPTURE, FOR LECTURES, DEBATE'S, MEETINGS, MUSIC, ETC. (NO HEAVY MACHINERY OR COMPLICATED EQUIPMENT REQUIRED.)

5. FOUR SMALLER ROOMS 600 SQ.FT. EACH.

For smaller meetings, Children's activities, BOY and GIRL SCOUT MEETINGS, ETC.

PROVIDE NECESSARY STORAGE SPACE AND WASHROOMS.

6. EXHIBITION SPACE 600 SQ.FT. MINIMUM.

THIS MAY BE A WIDENED UP IMPORTANT CORRIDOR OR PART OF FOYER.

- 7. CRAFT AND HOBBY SHOP ABOUT 1,000 SQ.FT. WITH LOCKERS FOR SUPPLIES AND TOOLS.

 SMALL ADJACENT STOREROOM.
- 8. PHOTOGRAPHY WORK ROOM 400 SQ.FT.

FOUR SMALL DARK ROOMS. 60 SQ.FT. EACH.

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9. ADMINISTRATION

OFFICES FOR DIRECTOR AND ASSISTANT.

GENERAL OFFICE SPACE FOR TWO SECRETARIES.

SMALL STORAGE AND RECORD ROOM.

10. MAINTENANCE

JANITOR'S OFFICE, MAINTENANCE SHOP, BOILER ROOM, ETC.

THE PURPOSE OF THIS PROBLEM IS TO TEST THE DESIGNER'S ABILITY TO CONCEIVE A SINGLE COMPLEX BUILDING WITH CLARITY OF PLAN AND APPROPRIATENESS OF FORM. THE DESIGNER IS REQUIRED TO STATE OR CLEARLY INDICATE THE BASIC MATERIALS OF WHICH THE BUILDING IS CONSTRUCTED.

REQUIRED DRAWINGS: (SHEET SIZE 31" x 40")

PLAN OR PLANS AT 1/16" TO THE FOOT.

ELEVATION FROM STREET ON EAST AT 1/16" TO THE FOOT.

A SECTION TAKEN WHERE IT BEST EXPLAINS THE DESIGN AT 1/16" TO THE FOOT. A PERSPECTIVE.

PLOT PLAN AT 1/64" TO THE FOOT SHOWING ACCESS FROM MAIN STREET, PARKING AREA AND RELATION OF PROJECT TO LAKE FRONT.

ALL ELEMENTS MUST BE DESIGNATED BY NAME ON THE PLAN.

SUBJECT OF FINAL COMPETITION WILL BE "A STATE TECHNICAL COLLEGE"

DECLARATION

To the LLOYD WARREN SCHOLARSHIP COMMITTEE
BEAUX-ARTS INSTITUTE OF DESIGN

I DECLARE UNDER OATH THAT THIS SUBMISSION IS ENTIRELY MY OWN PERSONAL WORK AND HAS BEEN STUDIED AND EXECUTED BY ME WITHOUT HELP OR ASSISTANCE OF ANY KIND WHATSOEVER

IMMEDIATELY UPON BEING NOTIFIED OF MY SELECTION FOR THE FINAL COMPETITION, I SHALL SUBMIT LEGAL EVIDENCE OF MY AGE AND QUALIFICATIONS FOR HAVING ENTERED THE COMPETITION.

DATED	SIGNATURE
	Address
	IN
	FULL

(TO BE DETACHED AND SUBMITTED WITH DRAWING)

1948 - THE LLOYD WARREN SCHOLARSHIP - 1948 (35th Paris Prize in Architecture)

SECOND PRELIMINARY COMPETITION A COMMUNITY BUILDING AUTHOR - HUGH STUBBINS, JR., LEXINGTON MASS.

JURY OF AWARD - APRIL 6, 1948

L. BANCEL LAFARGE, CHAIRMAN

LEWIS G. ADAMS CHARLES W. BEESTON ARCHIBALD M. BROWN

ROBERT S. HUTCHINS JEDD S. REISNER
A. MUSGRAVE HYDE ELDREDGE SNYDER
ROBERT S. MCLAUGHLIN OTTO TEEGEN

PARTICIPANTS:

CRANBROOK ACADEMY OF ART, BLOOMFIELD HILLS, MICH.

UNIVERSITY OF ILLINOIS

GEORGIA SCHOOL OF TECHNOLOGY

PENNSYLVANIA STATE COLLEGE

PRINCETON UNIVERSITY

UNIVERSITY OF DENNSYLVANIA

UNIVERSITY OF TEXAS

WESTERN RESERVE UNIVERSITY, CLEVELAND

REPORT OF THE JURY - BY CHARLES W. BEESTON

THE JURY COMMENTED ON THE CLARITY OF THE PROGRAM AND THOUGHT THE REQUIREMENTS AND SITE GAVE THE CONTESTANTS A REAL TEST IN COORDINATING A NUMBER OF DIVERSE ELEMENTS INTO A CLEAR WORKABLE PLAN. THOSE FAILING TO QUALIFY HAD ONE OR SEVERAL OF THE FOLLOWING WEAKNESSES, AND TO A LESSER DEGREE EVEN THE ACCEPTED DRAWINGS.

- 1. BUILDING COMPLETELY HIDDEN BY PARKING.
- 2. POOR CONTROL, WITH AUDITORIUM AND ONE OR SEVERAL OTHER ENTRANCES WIDELY SCATTERED.
- 3. ADMINISTRATION IN A REMOTE SECTION OF THE BUILDING MAKING SUPERVISION ETC. DIFFICULT.
- 4. NO ASPECT UPON ENTERING THE BUILDING. A VIEW OF THE LOUNGE OR EXHIBITION HALL CONSIDERED DESIRABLE.
- 5. POOR CIRCULATION, CORRIDORS TOO NARROW, TOO WIDE, TOO LONG, OR TOO COMPLEX.
- 6. ELEMENTS SCATTERED NECESSITATING LONG WALKS FROM ONE TO THE OTHER, OR THE OPPOSITE, TOO COMPACT A PLAN WITH THE INHERENT WEAKNESSES OF INSIDE CORRIDORS AND WORKING ROOMS WITHOUT SIDE FENESTRATION.
- 7. FAILURE TO GIVE LOUNGE ROOM A VIEW OF THE LAKE.
- 8. INADEQUATE OR POORLY LOCATED VERTICAL CIRCULATION, WHEN USED.
- 9. INADEQUATE STAGE WITH INSUFFICIENT SPACE FOR SIDE LIGHTING AND ACCESS AND EGRESS OF PLAYERS AND SCENERY, IN THE WINGS.
- 10. NO ACCESS TO STAGE EXCEPT THRU AUDITORIUM, WITHOUT GOING OUTDOORS.
- 11, FAILURE TO MAKE DUAL USE OF LOUNGE OR EXHIBITION SPACE IN CONNECTION WITH OVERFLOW FROM AUDITORIUM LOBBY. THIS WAS CONSIDERED ESPECIALLY IMPORTANT IN A COMMUNITY BUILDING AS A MEANS OF FOSTERING NEIGHBORLINESS

1948 - THE LLOYD WARREN SCHOLARSHIP (35TH PARIS PRIZE IN ARCHITECTURE)

OF THE TWELVE COMPETITORS SELECTED FOR THE FINAL COMPETITION, THE FOUR DESIGNS PUBLISHED WERE AMONG THE BEST. J.K.SINCLAIR, PRINCETON UNIVERSITY, WAS ONE OF THE FEW COMPETITORS WHO TOOK ADVANTAGE OF THE SLOPING SITE TO DEVELOP A SPLIT LEVEL SCHEME FOR THE MEETING ROOMS AND THE GENERAL PURPOSE ROOMS. THE AUDITORIUM, RECREATION ROOM AND WORK ROOM WERE ALL CLOSELY RELATED AND THE CORRIDOR SPACES KEPT TO THE MINIMUM. HE HAD A COMPACT PLAN AND AS ONE ENTERED ALL THREE MAJOR ELEMENTS WERE EASILY DISCERNABLE. THE POINTS CRITICIZED WERE THE PARKING COMPLETELY ACROSS THE FRONT OF THE BUILDING, AND THE TIGHT LOBBY CONDITION AT THE ENTRANCE TO THE AUDITORIUM.

L.DEMOLL, UNIVERSITY OF PENNSYLVANIA, HAD A MORE OPEN TYPE OF PLAN, WITH THE LOUNGE ROOMS AND GAME ROOMS FACING THE LAKE. THE SEPARATION OF THE AUDITORIUM AND MAIN ENTRANCE WAS NOT FOUND OBJECTIONABLE INASMUCH AS THERE WAS A TIE BETWEEN THE FOYER OF THE AUDITORIUM AND THE LOUNGE TOWARD THE REAR. THE JURY FELT THE GENERAL PURPOSE WING WAS UNNECESSARILY ELONGICED AND HAD THE ROOMS BEEN DIFFERENTLY PROPORTIONED, A MORE COMPACT PLAN WOULD HAVE RESULTED.

R.W.Reisacher, princeton university, kept the parking to one side and provided a close connection between the auditorium and the remainder of the building. Side exits from the auditorium opened into the exhibition space permitting discussion and social activities after the close of a meeting. Lounge and game rooms faced the lake, and general purpose rooms were kept as a compact unit toward the road. It was felt the game room was rather isolated and would be diffigult to control from the director's office. The view of the long exhibition corridor upon entering the main entrance was not considered a desirable feature.

M.G.Hampton, Georgia school of technology, had a simple direct plan with the lounge readily accessible from the main entrance and the exhibition room off to the left. It provided an interesting outdoor terrace from the auditorium and connected with the dining facilities located in the Lounge area. The director's office was well located in relation to those rooms needing control. A maximum number of rooms had a view toward the lake which was a desirable feature, and the plan had an airy open feeling which was admired. It was felt that the plan would have been improved if the stairway at the end of the lounge had been omitted and the stair near the main entrance made larger. Also some means should have been provided for reaching the stage other than through the auditorium.

SELECTED FOR FINAL COMPETITION:

D.R.KNORR, CRANBROOK ACADEMY OF ART

M.G. HAMPTON, GEORGIA SCHOOL OF TECHNOLOGY

R.B. TIPPETT, GEORGIA SCHOOL OF TECHNOLOGY

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SELECTED FOR FINAL COMPETITION: (CONCLUDED)

R. M. REISACHER, PRINCETON UNIVERSITY

J.K.SINCLAIR, PRINCETON UNIVERSITY

C.E. STADE, PRINCETON UNIVERSITY

J.S.BAKER, UNIVERSITY OF ILLINOIS

C.C. DAVIS, JR., UNIVERSITY OF ILLINOIS

P.H. GRAVEN, UNIVERSITY OF ILLINOIS

L.DEMOLL, UNIVERSITY OF PENNSYLVANIA

T. WEATHERWAX, UNIVERSITY OF PENNSYLVANIA

G. C. MEANS, WESTERN RESERVE UNIVERSITY, CLEVELAND.

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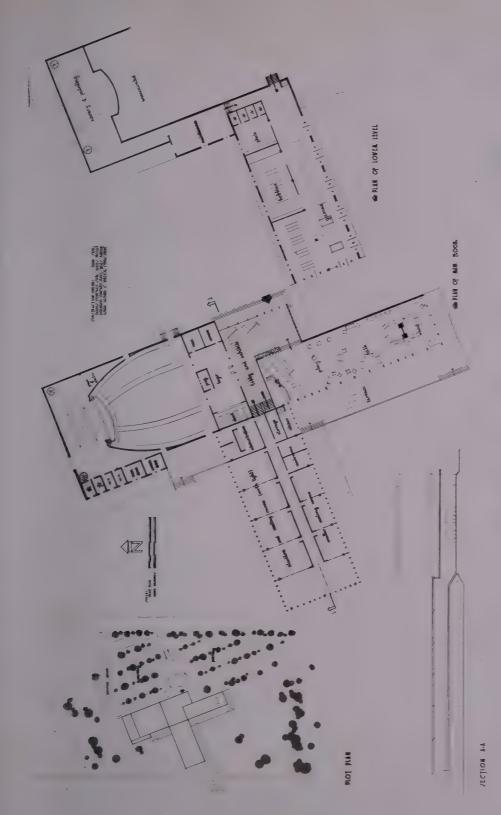
1948 LLOYD WARREN SCHOLARSHIP (35th Paris Prize in Architecture) SECOND PRELIMINARY COMPETITION - A COMMUNITY BUILDING APRIL 6, 1948

- 67. J.K.SINCLAIR, PRINCETON UNIVERSITY
- 68. L.DEMOLL, UNIVERSITY OF PENNSYLVANIA
- 69. R.W.REISACHER, PRINCETON UNIVERSITY
- 70. MARK G. HAMPTON, GEORGIA SCHOOL OF TECHNOLOGY

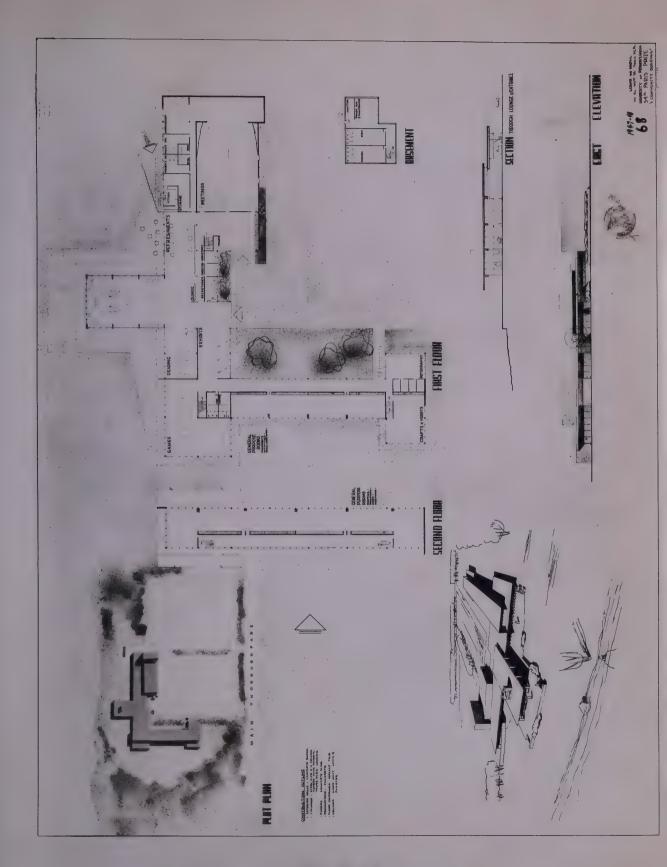
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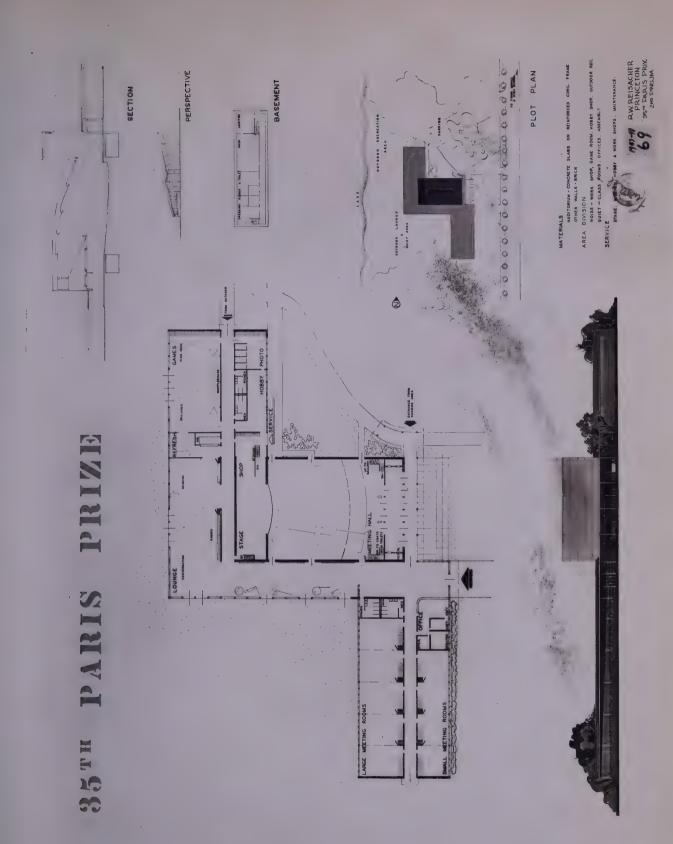




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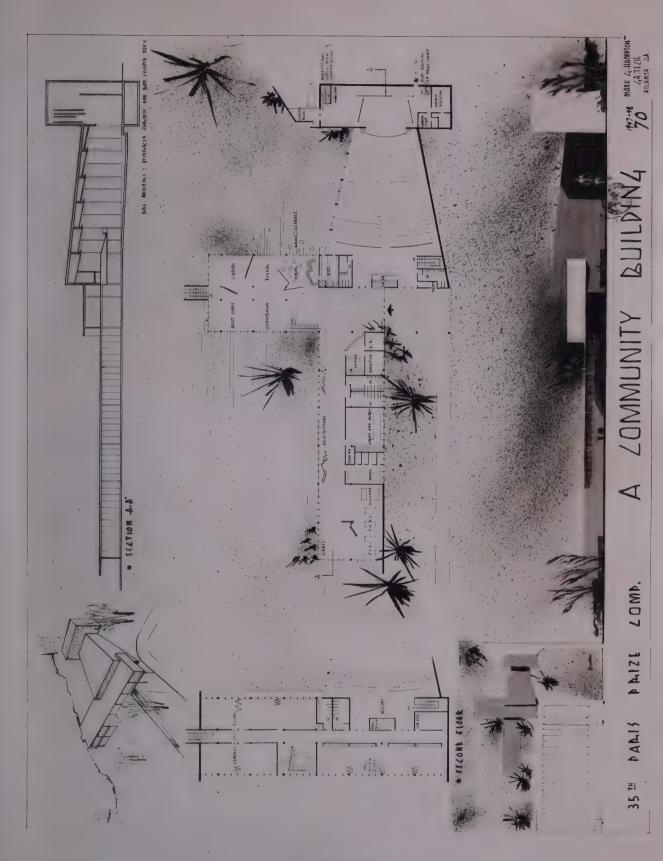


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THE LLOYD WARREN SCHOLARSHIP - 1948 (35th paris prize in architecture)

Under the auspices of the Beaux-arts institute of design

304 EAST 44TH STREET NEW YORK 17, N.Y. (PROGRAM - 3 PAGES) EXERCISE - MAY 3, 1948, 9 A.M. TO MAY 10, 1948, 9 A.M. JUDGMENT - MAY 18, 1948

FINAL COMPETITION - A SCHOOL OF BUILDING TECHNOLOGY AUTHOR - L. BANCEL LAFARGE, NEW YORK, N.Y.

CONTEMPORARY TRENDS IN THE BUILDING INDUSTRY INDICATE THE NEED FOR A MORE CLOSELY KNIT RELATION BETWEEN DESIGNER AND ARTISAN. IN FACT, ONE OF THE PREREQUISITES OF MODERN BUILDING DESIGN IS ITS COMPLETE MARRIAGE WITH FABRICATION AND CONSTRUCTION, ENTAILING THE CLOSEST COORDINATION BETWEEN THE MINDS OF THE DESIGNER AND OF THE GREAT VARIETY OF ALLIED TRADE SPECIALISTS REQUIRED IN CONTEMPORARY BUILDING. EACH PARTICIPANT SHOULD DEVELOP, FROM THE VERY OUTSET OF HIS TRAINING, A HEALTHY RESPECT FOR THE CONTRIBUTION OF THE OTHER.

A STATE UNIVERSITY PROPOSES TO CREATE, IN ONE OR MORE BUILDINGS, A NEW DEPARTMENT CALLED "THE SCHOOL OF BUILDING TECHNOLOGY", WHICH WILL PROVIDE A COMPLETE TEACHING PROGRAM TO ACHIEVE THIS GOAL. THE FOLLOWING CURRICULUM WILL BE OFFERED:

FOR B.S. DEGREES:

1. ARCHITECTURAL DESIGN

. 2. STRUCTURAL DESIGN

3. MECHANICAL DESIGN

FOR JUNIOR COLLEGE CERTIFICATES OF PROFICIENCY:

1. CARPENTRY

3. ELECTRICAL INSTALLATION

2. MASONRY

4. PLUMBING

5. HEATING AND VENTILATING

THE PROPERTY AVAILABLE MEASURES 600° BY 900°, IS LEVEL AND WELL LANDSCAPED, AND IS SITUATED DIRECTLY NORTH OF THE MAIN CAMPUS. THE NORTHERN BOUNDARY IN THE LONG DIMENSION ADJOINS A MAIN THOROUGHFARE. SECONDARY STREETS BOUND THE EAST, WEST AND SOUTH SIDES.

REQUIREMENTS (IN SQUARE FEET WHEN INDICATED):

A. ADMINISTRATION AND CLASSROOM UNIT:

1. ADMINISTRATION:

(A) ENTRANCE FOYER

- (B) MAIN OFFICE (500), PLUS PUBLIC WAITING SPACE, SUPPLIES, LAVATORY.
- (c) DIRECTOR'S OFFICE (300), PLUS PRIVATE SECRETARY'S OFFICE, CLOSET, LAVATORY.

(D) CONFERENCE ROOM (350)

(E) TWO (2) COUNSELLING AND PLACEMENT OFFICES (EACH 120)

(F) TEN (10) FACULTY OFFICES (EACH 100)

- 2. AUDITORIUM, SEATING 1,000 PERSONS (8SQ.FT. PER PERSON, INCLUDING AISLES),
 PLUS LECTURE PLATFORM AND PROJECTION BOOTH.
- 3. TECHNICAL LIBRARY, CONSISTING OF FOYER (ALSO USED FOR SPECIAL EXHIBITS),
 READING ROOM, STACKROOM (5,000).

(CONTINUED PAGE TWO)

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PAGE TWO

- 4. LECTURE ROOM (1.050)
- 5. Eight (8) classrooms (Each 750), plus coat and storage space.
- 6. Two (2) ELEMENTARY DRAFTING ROOMS (EACH 1,000)
- 7. GENERAL: STUDENTS' LOUNGE AND TOILETS, FACULTY LOUNGE AND TOILETS,
 JANITOR'S FACILITIES.

B. ARCHITECTURAL AND ENGINEERING UNIT:

- 1. ARCHITECTURAL DESIGN:
 - (A) INTRODUCTION TO DESIGN ROOM (1,500).
 - (B) THREE (3) DRAFTING SPACES (TOTALLING 6,000).
- 2. STRUCTURAL DESIGN: Two (2) DRAFTING SPACES (TOTALLING 2,000).
- 3. Mechanical design: Two (2) drafting spaces (totalling 2,000).
- 4. Four (4) LECTURE ROOMS (EACH 750), USED IN COMMON BY 1, 2 AND 3 ABOVE.
- 5. OFFICE, SECRETARY'S ROOM AND TOILET FOR HEAD OF EACH DESIGN DEPARTMENT.
- 5. COMMON ROOM AND TOILETS.

C. ARTISANS' UNIT:

- 1. Two (2) CARPENTRY SHOPS WITH HIGH CEILINGS, (EACH 2,633), PLUS OFFICE (120), FINISHING ROOM (300), Two (2) STOREROOMS (EACH 375), Two (2) Tool ROOMS (EACH 120).
- 2. MASONRY SHOP (2,600), PLUS STORAGE FOR MASONRY UNITS, SAND, TOOLS, CEMENT, PLASTER, ETC.
- 3. ELECTRIC WIRING AND LIGHTING SHOP (1,200), PLUS STORAGE.
- 4. PLUMBING SHOP (1,400), PLUS OFFICE AND STORAGE.
- 5. HEATING AND VENTILATING SHOP (1,500), PLUS SHEET METAL SHOP, OFFICE, STORAGE.

D. MECHANCIAL EQUIPMENT UNIT:

- 1. AUTOMATIC HEATING LABORATORY (1,200).
- 2. OIL BURNER AND STOKING LABORATORY (2,000)
- 3. AIR CONDITIONING AND REFRIGERATION LABORATORY (2,000)

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PAGE THREE

- 4. CONTROL INSTRUMENT LABORATORY (900).
- 5. MATERIAL TESTING LABORATORY, WITH ADJOINING DISPLAY ROOM (1,700).
- . TOILETS.

E. EXPERIMENTAL ASSEMBLY UNIT:

- 1. LABORATORY (5,000) THIRTY FEET HIGH, TO CONSTRUCT, DISPLAY AND TO TEST SECTIONS OF COMPLETE HOUSES. AND EQUIPMENT.
- 2. Two (2) CONTROL OFFICES AND GENERAL TOILETS.
- 3. Tool and material storage spaces.

GENERAL INFORMATION:

SERVICE ROADS WITHIN THE AREA WILL BE PERMITTED, BUT STUDENTS PARKING WILL BE PROVIDED OUTSIDE OF AREA. HEATING WILL BE SUPPLIED FROM UNIVERSITY POWER PLANT.

REQUIRED DRAWINGS: (Two (2) SHEETS, EACH 31" x 40")

LANDSCAPE SITE PLAN, INDICATING FLOOR LAYOUT OF ALL UNITS, WITH PARTS THEREOF, AT THE SCALE OF 1/32" EQUALS 1'0". SECOND FLOOR PLANS, IF NECESSARY, AT THE SAME SCALE ON SAME SHEET.

IMPORTANT ELEVATION AND A SECTION OF ADMINISTRATION AND CLASSROOM UNIT, TO SHOW CHARACTER AND MATERIALS, AT THE SCALE OF 1/8" EQUALS 1'0".

A BIRD'SEYE PERSPECTIVE OF ENTIRE SCHOOL, AT AS LARGE A SCALE AS POSSIBLE.

NOTE: EACH UNIT AND IMPORTANT PART THEREOF MUST BE DESIGNATED ON PLAN
BY NAME, NOT BY NUMBER.

THE FINAL DRAWINGS SHALL BE SIGNED WITH A "NOM DE PLUME" IN THE LOWER RIGHT-HAND CORNER, AND THE SAME SYMBOL PLACED ON THE OUTSIDE OF A SEALED ENVELOPE WHICH SHALL CONTAIN THE CONTESTANT'S AFFIDAVIT, AND IS TO BE DELIVERED WITH THE DRAWINGS.

1948 - THE LLOYD WARREN SCHOLARSHIP - 1948 (35th PARIS PRIZE IN ARCHITECTURE)

FINAL COMPETITION A SCHOOL OF BUILDING TECHNOLOGY AUTHOR - L. BANCEL LAFARGE, NEW YORK, N.Y.

JURY OF AWARD - MAY 18, 1948

L.. BANCEL LAFARGE, CHAIRMAN . ROBERT W. MCLAUGHLIN, JR. LEWIS G. ADAMS CHARLES W. BEESTON WALTER H. KILHAM, JR.

ALEXANDER P. MORGAN ROBERT B. O'CONNOR KENNETH K. STOWELL

PARTICIPANTS:

CRANBROOK ACADEMY OF ART, BLOOMFIELD HILLS UNIVERSITY OF ILLINOIS GEORGIA SCHOOL OF TECHNOLOGY PRINCETON UNIVERSITY

UNIVERSITY OF PENNSYLVANIA WESTERN RESERVE UNIV. CLEVE.

REPORT OF THE JURY - BY LEWIS G. ADAMS

THE SOLUTIONS PRESENTED FOR THIS COMPETITION WERE INTERESTING AND VARIED. THE FREEDOM OF THE PROGRAM AND THE LACK OF EXISTING EXAMPLES OF PLANTS OF THIS TYPE, LEFT THE FIELD WIDE OPEN FOR A SOLUTION AND EVERY TYPE OF PARTI FROM A VERY OPEN CAMPUS ARRANGEMENT TO HOUSING ALL THE ACTIVITIES UNDER ONE ROOF, WERE SUBMITTED. THE JURY FELT THAT THE BEST SOLUTION WAS IN-BETWEEN; DIFFERENT BUILDINGS BUT CLOSELY GROUPED. THE SENTENCE AT THE BEGINNING OF THE PROGRAM, "CONTEMPORARY TRENDS IN THE BUILDING INDUSTRY INDICATE THE NEED FOR A MORE CLOSELY KNIT RELATION BETWEEN DESIGNER AND ARTISAN", WAS TAKEN AS THE KEY.

Schemes which were eliminated first by the jury were (A) those which FORCED THE BUILDINGS INTO A SYMMETRICAL ARRANGEMENT MERELY FOR THE SAKE OF RETAINING AN AXIS AND SYMMETRY, (B) THOSE WHICH HAD BUILDINGS ARRANGED AROUND A LARGE CAMPUS WITH NO CONNECTION BETWEEN THEM, (C) THOSE WHICH HAD SCATTERED BUILDINGS WITH MUCH LANDSCAPTING AND REFLECTING POOLS AND CON-NECTING ARCADES OR CORRIDORS, (D) AND THOSE WHICH GAVE THE AUDITORIUM AN EXAGGERATED SCALE AND IMPORTANCE. THE JURY WAS VERY SYMPATHETIC TO SCHEMES WHICH FEATURED THE EXPERIMENTAL ASSEMBLY UNIT AND FELT THAT IT WAS ESSENTIAL TO HAVE THIS UNIT BETWEEN, OR CLOSELY CONNECTED TO, THE ARCHI-TECTURAL AND ENGINEERING UNIT AND THE MECHANICAL EQUIPMENT UNIT. THE BEST LOCATION FOR THE ARTISANS UNIT WAS ALSO CONSIDERED TO BE IN THIS RELATION-SHIP TO THESE TWO UNITS.

THE GENERAL CHARACTER OF THE BUILDING, OR BUILDINGS, WAS ALSO TAKEN INTO CONSIDERATION. QUITE A FEW OF THE ENTRIES INDICATED BUILDINGS OF A COMMERCIAL OR FACTORY NATURE WHICH DID NOT SEEM IN KEEPING WITH A UNIVERSITY.

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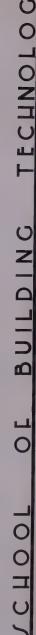
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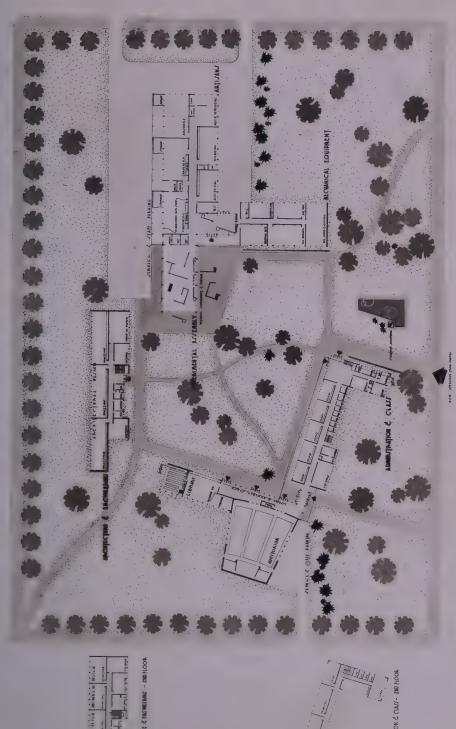
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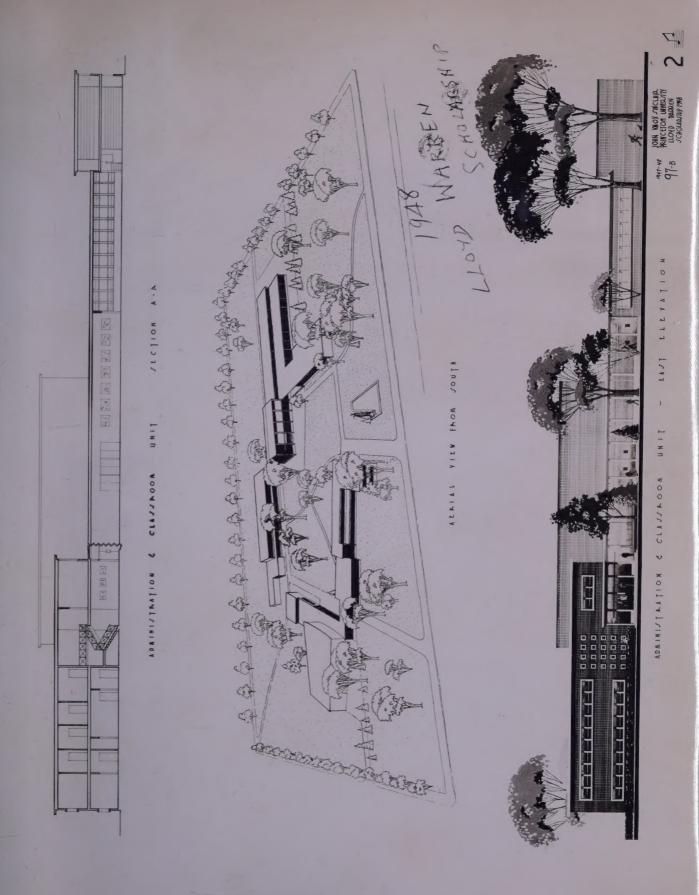
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